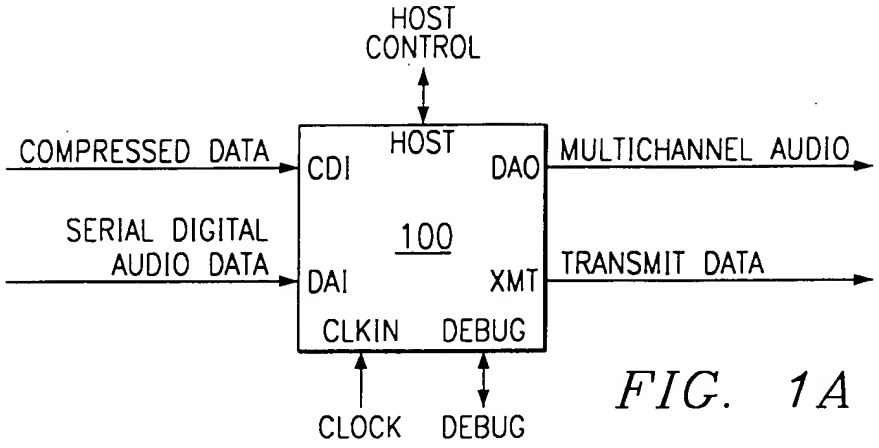

FIG. 1A

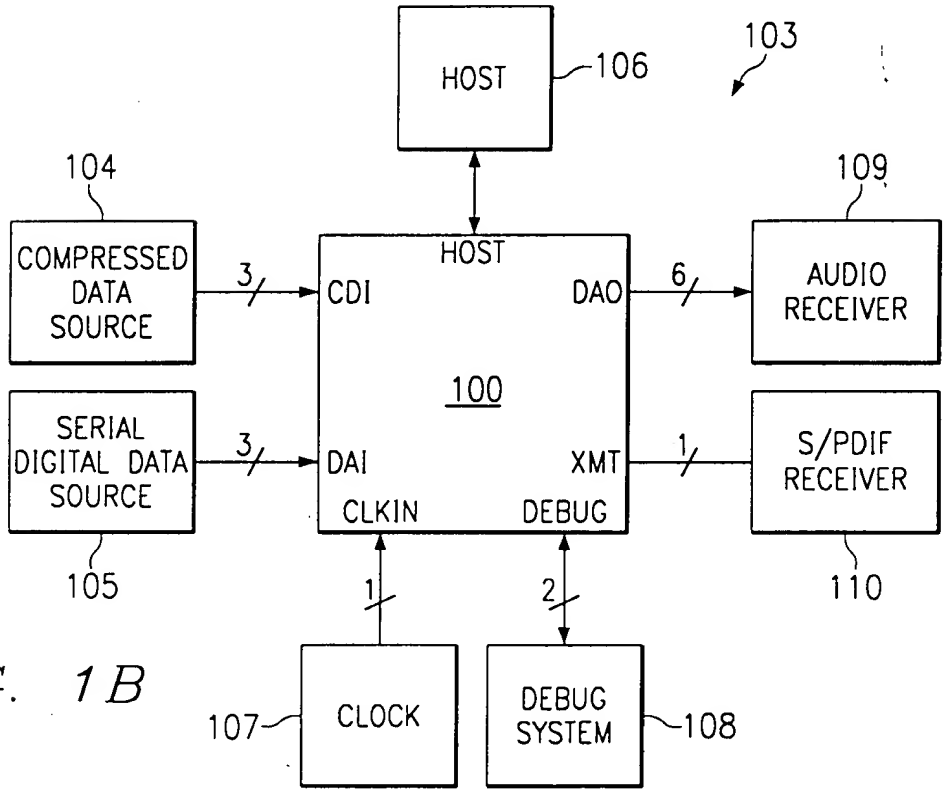

FIG. 1B

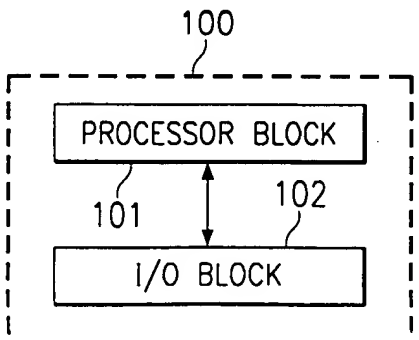

FIG. 1C

FOTE50-E0714/50

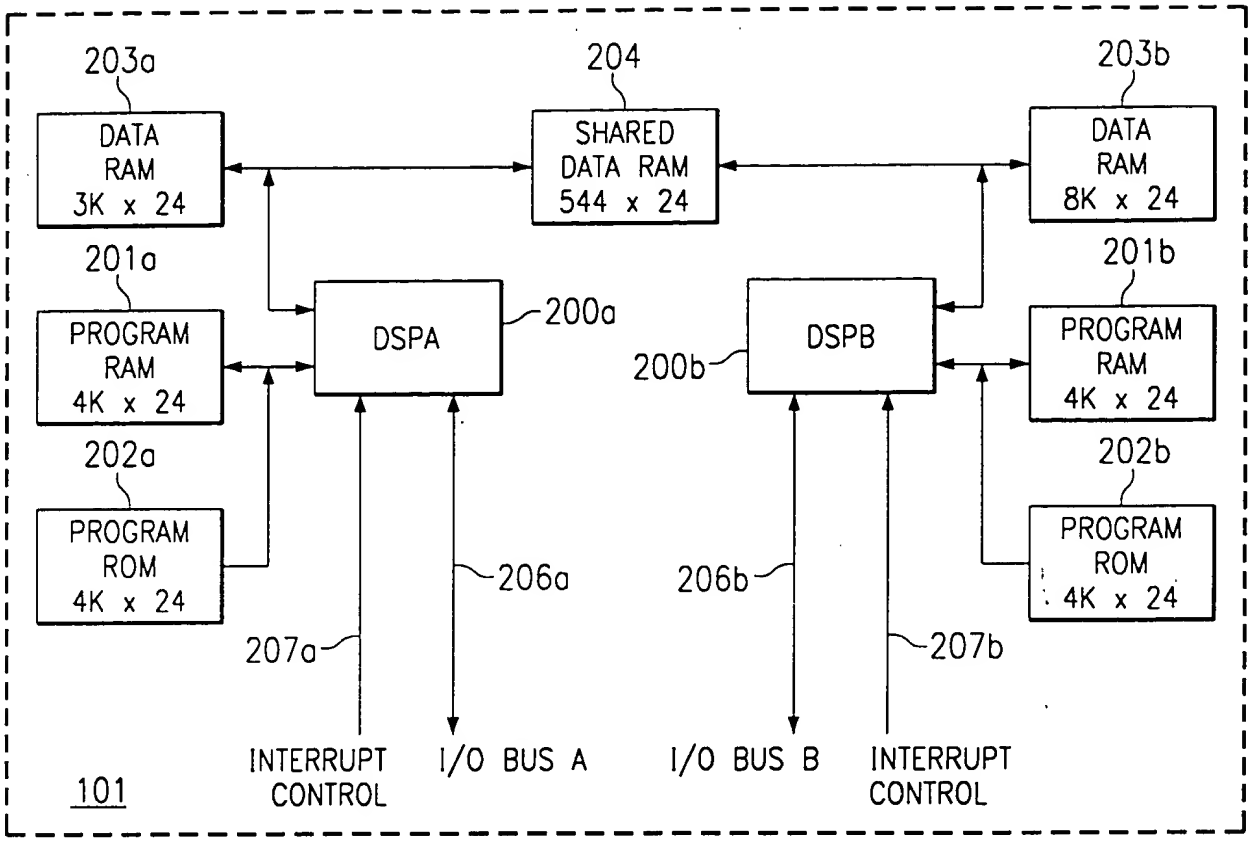
203a
DATA RAM 3K x 24
204
SHARED DATA RAM 544 x 24
203b
DATA RAM 8K x 24
201a
PROGRAM RAM 4K x 24
DSPA
200a
DSPB
200b
201b
PROGRAM RAM 4K x 24
202a
PROGRAM ROM 4K x 24
202b
PROGRAM ROM 4K x 24
206a
206b
207a
207b
INTERRUPT CONTROL
I/O BUS A
I/O BUS B
INTERRUPT CONTROL
101

FIG. 2

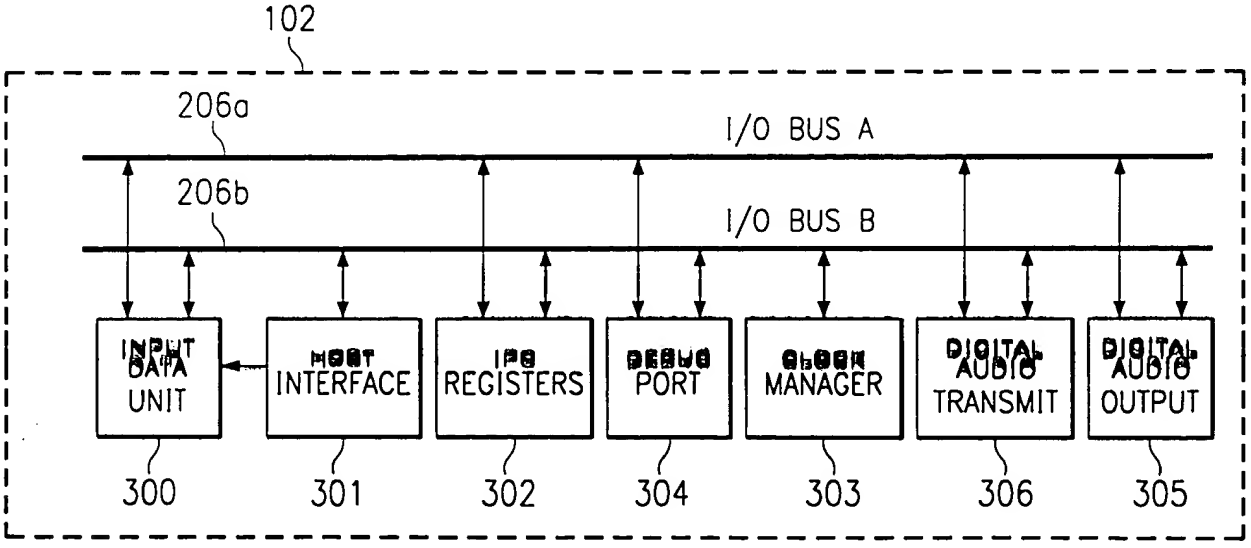
102
206a
I/O BUS A
206b
I/O BUS B
INPUT DATA UNIT
HOST INTERFACE
IPB REGISTERS
DEBUG PORT
CLOCK MANAGER
DIGITAL AUDIO TRANSMIT
DIGITAL AUDIO OUTPUT
300
301
302
304
303
306
305

FIG. 3

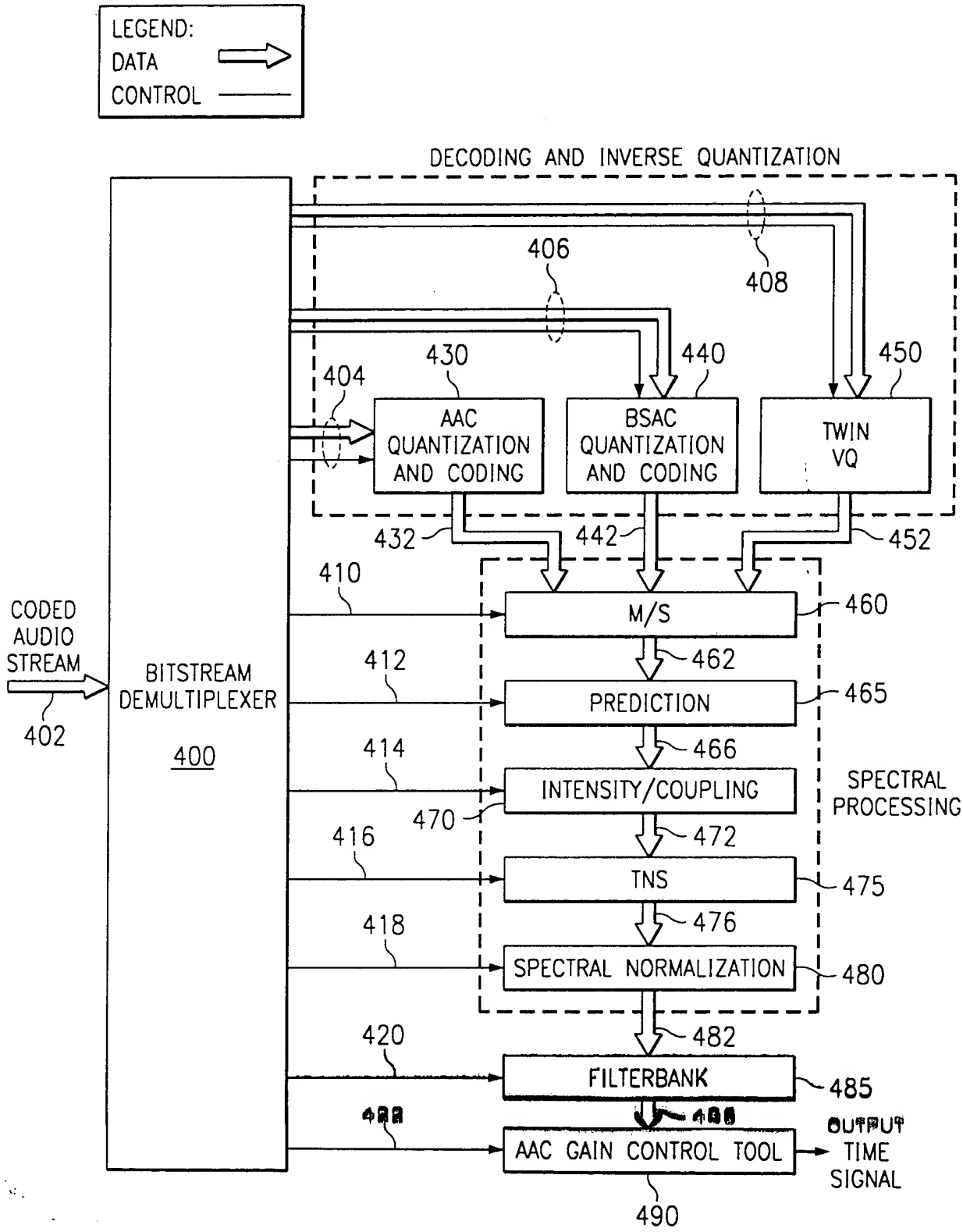
LEGEND:
DATA
CONTROL
DECODING AND INVERSE QUANTIZATION
406
408
430
440
450
404
AAC QUANTIZATION AND CODING
BSAC QUANTIZATION AND CODING
TWIN VQ
432
442
452
410
CODED AUDIO STREAM
402
BITSTREAM DEMULTIPLEXER
400
M/S
460
412
462
PREDICTION
465
414
466
INTENSITY/COUPLING
SPECTRAL PROCESSING
470
472
416
TNS
475
418
476
SPECTRAL NORMALIZATION
480
482
420
FILTERBANK
485
488
AAC GAIN CONTROL TOOL
OUTPUT TIME SIGNAL
490

FIG. 4

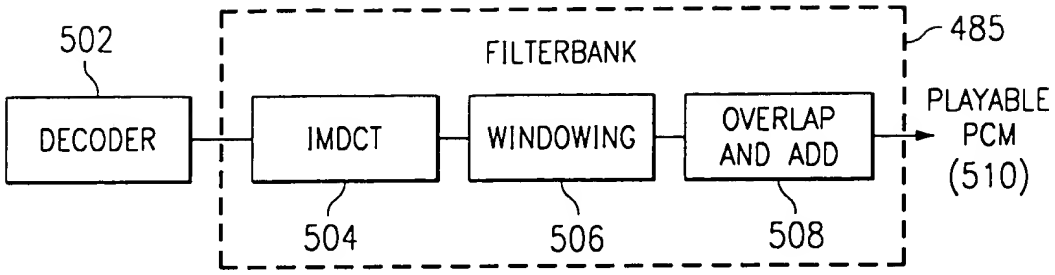

FIG. 5

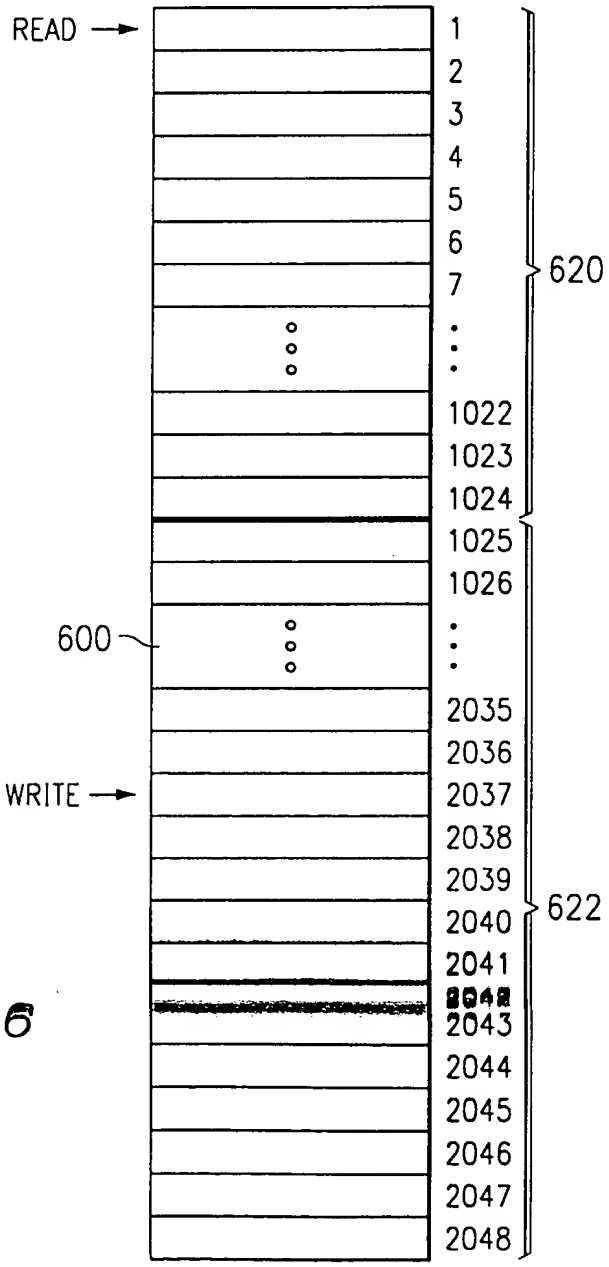

FIG. 6

TOTTSO-60T7/60

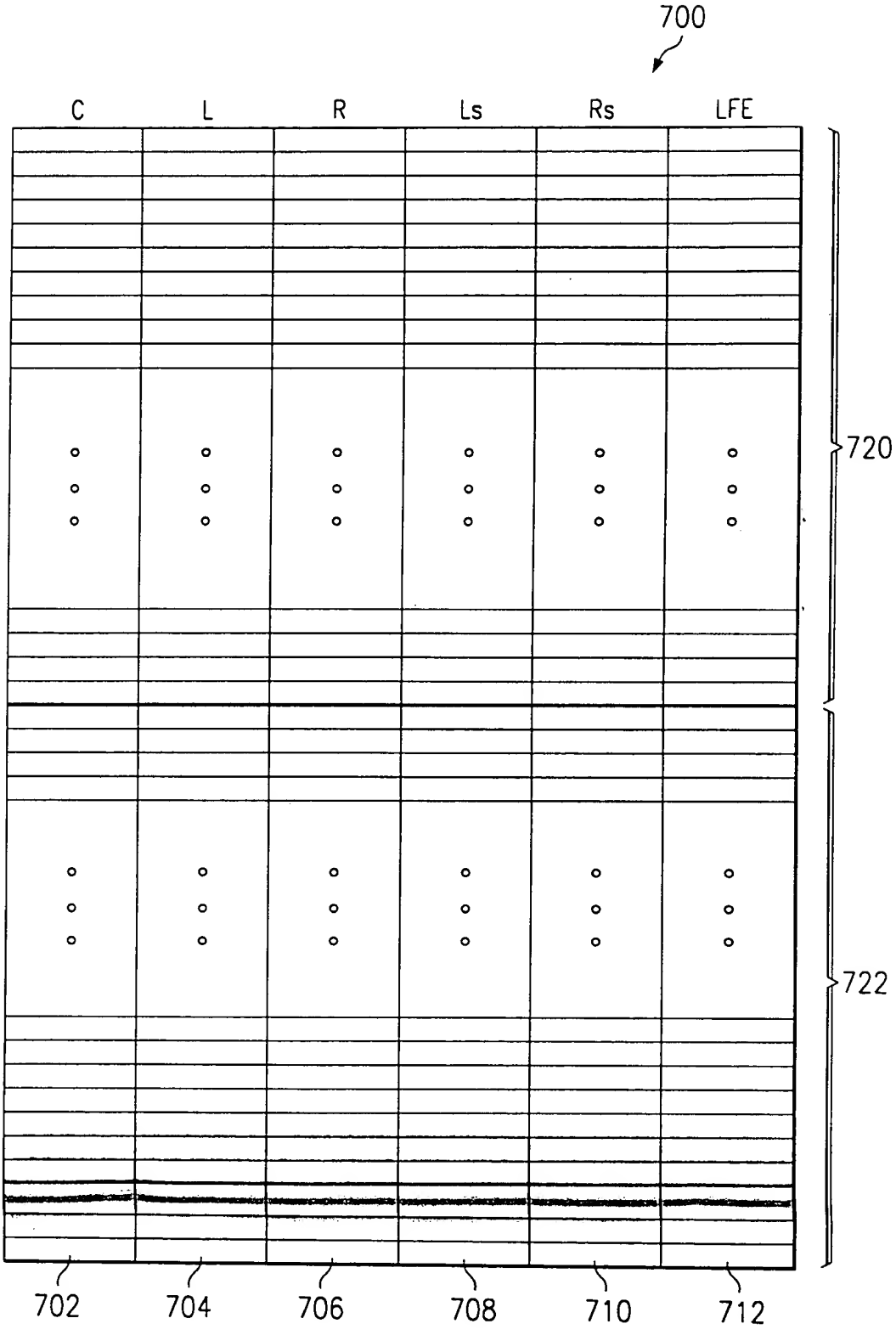

FIG. 7

EOT150-80742950

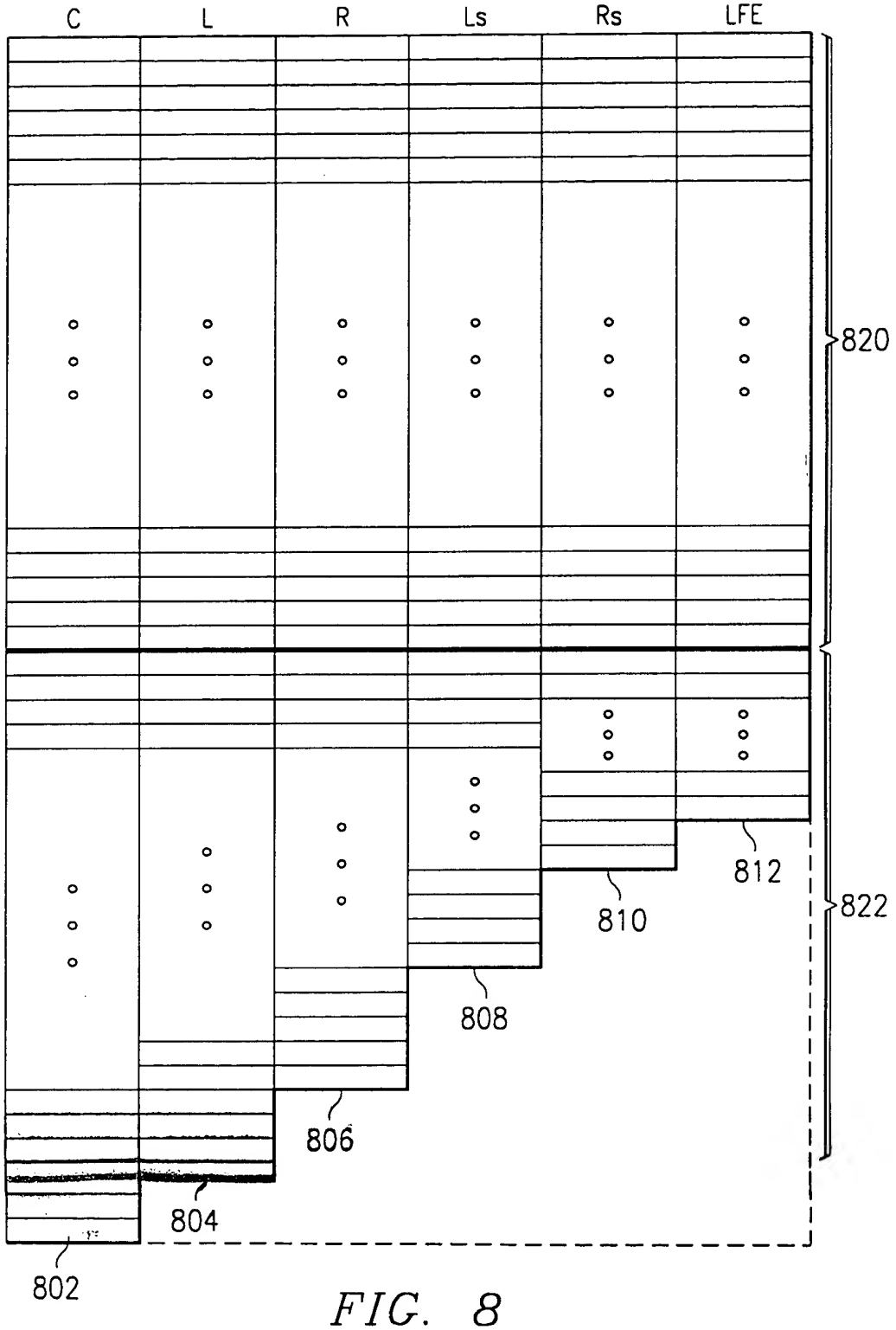

FIG. 8